

STRUCTURAL CARRIER ASSEMBLY FOR A MOTOR VEHICLE

ABSTRACT OF THE DISCLOSURE

The structural carrier assembly is installed in a motor vehicle front or rear end. The structural carrier assembly includes one or more support brackets connected to one or more frame rails of a motor vehicle body. The structural carrier assembly further includes a carrier member having laterally positioned attachment clips. The attachment clips connect the carrier member to the support brackets. The carrier member includes one or more attachment mounts or locations for supporting accessories, such as engine accessories, of the motor vehicle. A cross frame is mounted to an upper end of the carrier member by welds or mechanical attachments. The attachment clips each include an integral fulcrum cup and locking tab typically formed on the lateral sides of the carrier member. The locking tabs engage mating openings formed in the support brackets to connect the carrier member to the frame rails.